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OHA 294.03 Satava Collection

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Series/Scope and Content Note: Dr. Richard Satava, MD, FACS, and Emeritus Professor of Surgery at the University of Washington Medical Center and Senior Science Advisor at the US Army Medical Research and Materiel Command in Ft. Detrick, MD used the VHS tapes in this collection from the date of creation until 2014 (depending on their relevance), as he gave lectures around the world on how advanced technologies were being used. Satava's prior positions included Professor of Surgery at Yale University and a military appointment as Professor of Surgery (USUHS) in the Army Medical Corps assigned to General Surgery at Walter Reed Army Medical Center and Program Manager of Advanced Biomedical Technology at the Defense Advanced Research Projects Agency (DARPA). Satava received these tapes during the time he was at DARPA. The creator of the tapes are listed on the videotape label or in some cases at the beginning of the tape itself. The videos were made at the institutions that were performing the research identified in the titles. A few were commissioned "concept videos" by Satava, as the program manager, in order to explain the research projects to the Director of DARPA, Congress persons/staff, etc.

BOX AND CONTENT LIST

Box 001 (VHS Tapes):

1. Image Guided Neurosurgery, BWH/HMS, Frank Jolesz, 8/96, ~7.5min



2. Georgia Tech Demo Tape, Digital Anatomist, Vascular Brain Anatomy, Eye Anatomy, 11/1/94
3. Yale Telemedicine Center, EMB 6/6/97, 5:17, Copy
4. IMS Integrated Simulator, Rob Gillio, Review
5. Virtual Endoscopy, Ear and Colon, 7/1/95
6. Computer Motion IPO Video, Rev. B, 8/14/97, Barking Lizard
7. Incision Into Muscle, Visible Human, Victor Spitzer, Univ of Colorado Med Ctr, 2/19/95, 9:30
8. Incision Into Muscle, Visible Human, Victor Spitzer, Univ of Colorado Med Ctr, 2/19/95, 9:30 (copy 2)
9. Sensate Liner Development, Unedited, ABC Only, TID Video Production, 6 minutes
10. Virtual Reality Video Revision, Bowen, Loftin, NASA, 11/4/93, 10:18
11. Virtual Colonoscopy, David Vining, Wake Forest, 9/8/94
12. Arthroscopic Surgical Simulation, Boston Dynamics Inc., 6/18/98, 6:15
13. Limb Trauma Simulator, Scott Delp, Musculo Graphics, 6/96
14. VR Surgical Simulators '96, Annual Update, R.M. Satava, 3/96, RT 2:50
15. Virtual Reality, Prof. Randy Pausch, University of Virginia, 7/7/94
16. 3-D Hologram, Propylea, Jim Fishback, Coopers & Lybrand, 1996
17. Eye Surgery Simulation, Georgia Institute of Technology, Michael Sinclair, et al, 1/94
18. Tele Surgery, J. Himpens, 10/8/97
19. Virtual Reality: A Modern Medical Battlefield, Shaun Jones, ARPA, 4/17/95, 75:00
20. Virtual Endoscopy at Mayo, RT 13:00
21. Virtual Endoscope Video, Colonoscopy, Otoscopy, Mayo, 5/95
22. Virtual Surgery, Anastomosis Simulator, BDI, 2/12/97
23. Virtual Endoscopy, Patient/Spiral CT, Dr. Richard Robb, BDI, Mayo, 5/96, 10:00
24. Virtual Reality Hysteroscopy and 3-D Anatomy , 5:44
25. New Realities in Imaging, SiliconGraphics, TRT 20:46
26. Human Systems Advanced Technology, USAF, Unclassified, 9:59
- 27: HT Medical, Inc., National Governors' Assoc, US Innovation Partnership, 7/28/97
28. Pyramid Demo/Siggraph, Georgia Tech, Eye Surgery, 1995, 3:00
29. Dextrous Arm Excerpts, Sarcos Incorporated, 7/8/94, 2:21



30. Bravo Taskable Machines, Sarcos, 8/8/95, 4:45
31. Sensor Suit, Wolf, Sarcos Incorporated, 6/16/94, 2:25
32. HT Medical: Vascular Access Simulator at SYNYS Plattsburgh, 1997, TRT 8:00
33. Lockheed Martin Medical Simulation Unit, 1/97, RT 5:00
34. Ultrasim Ultrasound Training Simulator, Medsim
35. Virtual Anatomy Demo, Visible Productions, LLC, 1998
36. The Role of Telepresence and Virtual Reality in Medical Informatics, Vol. 15, 1995, 60:00
37. Voxel: 3-D X-ray Film, Neurological Applications of Digital Holography, Bill Bergman, 1996
38. MedSim-Eagle Simulation, Innovations in Medical Training
39. Penn State Surgical Simulators, Tom Krumme, 7/96
40. ARPA: Learning Technologies Seminar, Kirstie Bellman, 8/1/94
41. Frontiers of Medicine, Telesensors, Tom Ferrell,
42. Inside Cytometrics: Introducing Medical Technology with a Gentle Touch, 12/22/98
43. Sages, Dr. Richard M. Satava and Family, Dr. Harry S. Miller and Family, March 1996
44. TeleSAGES Surgery Promo
45. Sarcos Entertainment Engineering
46. Sarcos GRLA-Dextrout Arm
47. Georgia Tech Olympic Video
48. AT&T Everest, New York
49. LSTAT: Life Support for Trauma and Transport, Northrup Grumman, 1997, 4:20
50. LSTAT: Life Support for Trauma and Transport, Northrup Grumman, 1997, 4:20 (copy)
51. LSTAT: Integrating the Medical Environment, Northrup Grumman, 1/97, 4:02
52. The Visible Human Project, UCHSC and NCAR, 1995
53. For Reasons of Life and Death, 1st Version, DARPA, 8/98, 7:13
54. For Reasons of Life and Death, DARPA, 2/99, 8:30